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PATENT ABSTRACTS OF JAPAN

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states:(71) Applicant: MATSUSHITA ELECTRIC IND CO
LTD

(72) Inventor: SUDO TETSUYA

(74) Representative:

(54) PORTABLE
EQUIPMENT WITH
SPEAKER

(57) Abstract:

PURPOSE: To obtain sound quality with which a user is satisfied and a stereo effect as necessary by means of a small equipment without increasing the thickness of the equipment by permitting a speaker unit to be movable configuration.

CONSTITUTION: The two speaker

units 5 for stereos are arranged at the both side parts of the display 4 of an equipment cover 2. Concretely, the speaker units 5 consist of a speaker, a half mounting-state box where the speaker is attached, one end of the box is pivotally connected to the equipment cover 2 by a shaft and the direction of the sound emitting surfaces 5d can be changed from a front till a diagonal outwards. Then, the rotation angle of the speaker unit 5 is changed in accordance with the opening angle of the equipment cover 2 and also constituted so as to drive the speaker units 5 by a rod or cam structure related with the shaft rather than the shaft for pivotally connecting an equipment mainbody with the equipment cover 2.

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